

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.-9. (Cancelled).

10. (Currently Amended) A radio access system comprising:

means for producing dialing signals comprising a telephone set having a dial pad with keys, wherein a dialing signal is generated each time a key of said dial pad is pushed;

a ~~base station control station~~ telephone exchange in radio communication with said means for producing dialing signals through a base station;

~~means for, when a handset of the telephone set is removed from its switch and the keys of the dial pad are pushed while said base station control station or said base station is performing a control access to establish a link, storing a set of dialing signals, and when a dialing signal is generated during the transmission of said stored set of dialing signals, storing the generated dialing signal; and~~

means for transmitting the dialing signal to said telephone exchange ~~base station control station~~ each time the dialing signal is generated; ~~and, said means for transmitting, after the link has been established, transmitting the stored dialing signals including said stored set of dialing signals to said base station control station, and after the transmission of all the stored dialing signals to said base station control station has been completed, transmitting each dialing signal to said base station control station each time a dialing signal is produced,~~

~~said base station including~~

means for deciding whether a received dialing signal represents a final digit of a dialed telephone number or not.

11.-15. (Cancelled).

16. (Currently Amended): A radio access method comprising the steps of:

producing a dialing signal each time a key of a dial pad of a telephone set is pushed; and

transmitting each dialing signal ~~through a base station from a subscriber terminal and~~
through a base station control station to a telephone exchange ~~to a base station control station~~
each time the dialing signal is produced; and

deciding ~~at said base station~~ whether a received dialing signal represents a final digit of a dialed telephone number or not;

~~wherein, when a handset of the telephone set is removed from its switch and the keys of the dial pad are pushed while said base station controller or said base station is performing a control access to establish a link, storing a set of dialing signals, after the link has been established, transmitting all the stored dialing signals including said stored set of dialing signals to said base station control station, when a dialing signal is generated during the transmission of said stored set of dialing signals, storing the generated dialing signals, and after the transmission has been completed, transmitting each dialing signal to said base station control station each time a dialing signal is produced.~~

17. (Cancelled).

18. (Previously Presented) The radio access system according to claim 10, wherein said base station opens a communications channel after deciding that a received dialing signal represents the final digit of the dialed telephone number.

19. (Previously Presented) The radio access system according to claim 10, wherein said means for deciding comprises an inter-digit timer and a means for determining that a dialing signal has not been received for a fixed period of time.

20. (Previously Presented) The radio access system according to claim 10, wherein said means for deciding comprises an inter-digit timer and a means for determining that a dialing signal has not been received for a variable period of time.

21. (Previously Presented) The radio access system according to claim 10, wherein said means for deciding comprises a means for counting a fixed number of said dialing signals.

22. (Previously Presented) The radio access system according to claim 10, wherein said means for deciding comprises a means for counting a variable number of said dialing signals.

23.-24. (Cancelled).

25. (New) The radio access system according to claim 10, wherein a private branch exchange is coupled to said telephone exchange.

26. (New) The radio access system according to claim 10, wherein said base station includes said means for deciding.

27. (New) The radio access system according to claim 10, wherein said system further comprises a base station control station for controlling said base station, and said base station includes said means for deciding.

28. (New) The radio access system according to claim 10, wherein said system further comprises a subscriber terminal that is connectable to said base station via a radio link, and said subscriber terminal includes said means for deciding.